

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
5 February 2004 (05.02.2004)

PCT

(10) International Publication Number
WO 2004/012318 A1

(51) International Patent Classification⁷: H02H 3/12 (74) Agent: RIEMENS, R., H.; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(21) International Application Number: PCT/NL2003/000528

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 17 July 2003 (17.07.2003)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data: 1021168 26 July 2002 (26.07.2002) NL

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

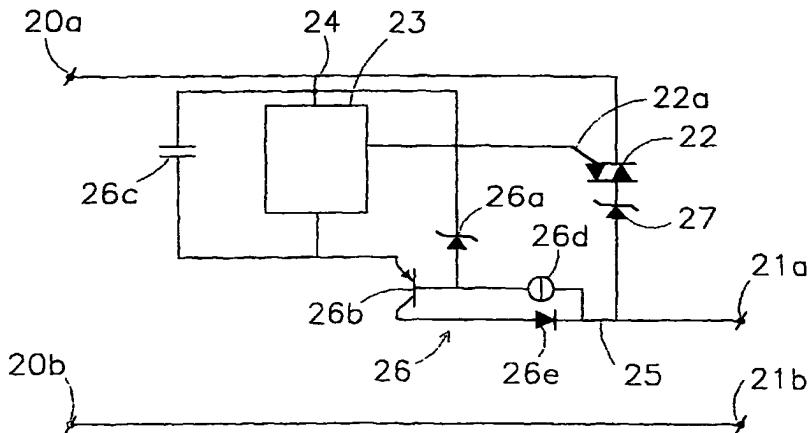
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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SWITCHING UNIT FOR SWITCHING A CONNECTION BETWEEN A MAINS AND A LOAD



(57) Abstract: A switching unit for connecting a load to a mains as a function of a demand for a consumption current by the load comprises a mains port for electrically connecting the switching unit to the mains, a load port for electrically connecting the switching unit to the load, a switching element for producing a substantially conductive electrical connection between the mains port and the load port in its closed state and substantially breaking the said electrical connection in its open state. Furthermore, the switching unit comprises current measuring means for measuring a consumption current consumed by the load, and the control means, which are connected to the switching element, are designed to bring the switching element into the open and closed states on the basis of a consumption current measured by means of the current measuring means in an at least temporarily closed state of the switching element. Furthermore, the invention comprises a method for connecting the load to a mains as a function of the demand of a load for a consumption current.

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